

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: DavidE70@aol.com
Subject: [5168] *My* OHR-100
Message-ID: <961127092234_2082612548@emout16.mail.aol.com>

Hi Gang -

My OHR-100 is finally operational! I built it over a weekend about a month ago and then shipped it to Dick at OHR for alignment. Finally got it back last weekend. Receives great (at least if you take into account the random wire it's connect to which is strung along my basement ceiling in every-which direction). Haven't tried to transmit yet because I haven't put up a suitable dipole yet (hopefully this weekend).

The kit was easy to put together--instructions were clear, well organized, with lots of helpful drawings. I only screwed up once in populating the board (and of course it was with a three-lead pot, which was a bear to unsolder). I haven't done a lot of electronics construction, but I do know one end of a diode from the other. At any rate, this would be a good kit even for a newcomer to kit building. My only real downfall was that I didn't do an adequate job of tinning the leads on the coils before I soldered them in place. Dick at OHR picked that up during alignment and fixed it up for me (thanks again, Dick!).

I first tried powering it with a 12V DC power supply I'd purchased from Radio Shack for another project, but I heard a lot of AC hum in the headphones. I also tried the +12V lead from an old computer power supply but had the same problem. Finally, I went to the local hardware store and bought two 6V lantern batteries. While I was there I bought some 14 gauge wire for the dipole. When I took these two items up to the counter, one of the other customers looked at my stuff and smirked "Hey, gonna build a bomb with that stuff?" I just gave him a knowing smile and said nothing... ;)

At any rate, after I hooked up the OHR-100 to true DC and a poor excuse for an antenna, I tuned around a little and picked up some novice CW (I'm still one myself). I grabbed my trusty pen and pad and started to copy, and discovered that I was having trouble copying this incredibly slow code! AAAAGGGGHHHH!! Too much time building, not enough practice on code--a guy can only practice so long using random code on the computer. Guess I'll be listening a while before do any keying.

I'm very happy with the OHR-100. The variable bandwidth and RIT have made operation easy and convenient (at least listening). It's hard for me to give it a critical review since it's the first ham transceiver of any sort I've owned, but it seems to do its job very nicely. Given the quality of the kit and service I've received, OHR gets this novice's endorsement.

Dave Ek

KBOYSN

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [5157] 12 Meters
Message-ID: <Pine.SUN.3.91.961127012002.923A-100000@kitsune.swcp.com>

Hi All, today on 12 meters a lone Floridian came pounding in about 20 over S-9 for about 20 minutes and then faded away. I went to 10 meters and it was dead. At least the higher frequencies are showing some promise of activity now and then. To Paul NA5N, I enjoyed your QRP discussion and the rundown on the EM-TECH rig, at the Socorro hamfest. I thought I was suppose to win it??!! I saw a Backpacker II rig with power supply for 150.00 and was tempted to buy it. I think I will wait for either the Ten Tec or the SST.HM....which one to buy??? 72 Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [5201] ?
Message-ID: <329C9240.1201@pacbell.net>

Happy Turkey Day to all.

--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ARS, QRP-L & E.C.R.A.

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [5219] A Revived Thanksgiving Story
Message-ID: <199611280007.TAA220922@nss2.CC.Lehigh.EDU>

Hello Gang,

I dug this out of the files for a repost for the benefit of the folks that joined us after Thanksgiving last year, We had a good time with it then, so here it is again.

You know somewhere about a 1,000 miles up the Amazon River there is an
>Indian sitting by a campfire roasting a monkey he just shot with a posioned

>arrow saying to himself that it doesn't get any better than this!"

73 to all for This 1996 Thanksgiving

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [5220] A Revived Thanksgiving Story
Message-ID: <199611280008.TAA220813@nss2.CC.Lehigh.EDU>

Hello Gang,

I dug this out of the files for a repost for the benefit of the
folks that joined us after Thanksgiving last year,
We had a good time with it then, so here it is again.

You know somewhere about a 1,000 miles up the Amazon River there is an
>Indian sitting by a campfire roasting a monkey he just shot with a posioned
>arrow saying to himself that it doesn't get any better than this!"

73 to all for This 1996 Thanksgiving
de AA1IK N.E.-QRP-C. #202 (Lead by example, It is better to)
 QRP-L member #95 (pull a string than it is to push it.)
Ernie Gregoire FISTS #2644
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [5182] AA6UL --> N7RI

Message-ID: <Pine.A32.3.93.961127122827.70616B-100000@weyl.math.Virginia.EDU>

On 11/26, I was assigned my first choice vanity callsign.
Looks like I'll have to make another trip to the hair parlor.

Ralph N7RI (the ham formerly known as AA6UL)
Charlottesville VA

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [5188] CQ-Contest Reflector
Message-ID: <199611271820.LAA00791@lynx.csn.net>

What is the address of the contest reflector? My old one does not work.

72, Bob KI0G

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [5197] CQC Awards Correction
Message-ID: <961127184503_75230.1405_HHB46-4@CompuServe.COM>

Slip of the finger-- commencement date for the Communicator Award is of course 1996, not 1997 as posted.

73
Marshall

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: KFGlynn@aol.com
Subject: [5172] Finally Caught a Fox!
Message-ID: <961127105236_1118006301@emout06.mail.aol.com>

Hi gang,

Well I finally nabbed a fox. Heard Bob AE4IC on 7036 calling CQ Fox right at 0100. Bob started out at 589, faded a bit, but came to a strong 589 agn in NYC.

I heard Bob working the pile-up one-by-one. I finally nabbed him at around 0230 or so (don't have log here) on 7035. Turned my Kenwood TS-520SE down to 5 watts into a u-shaped dipole.

I'm home with Bronchitis, but working Bob certainly helped.

72 Kevin N2T0 (ex-KB2TE0)

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Gary Nye" <gcnye@brutus.bright.net>
Subject: [5235] FOX
Message-ID: <199611280426.EAA08562@mail.bright.net>

Finally had time to hunt a fox and nailed Larry at the last minute. He was fading rapidly toward the end. Earlier I had too much QRM to copy complete exchanges. The QRP++ blocks too easily.

tnx Larry - 72,
Gary

=====
Gary Nye WD8KQY gcnye@bright.net
Tiffin, OH
QRP-ARCI #5705 QRP-L #446 NORCAL #???
=====

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [5156] Fox Novice/Tech+ Report
Message-ID: <19961127.005526.7351.0.kb0rol@juno.com>

Thanks for the Hunt. Its now 12:11am Local - Did you know Toys-R-Us is open now until Midnight? My XYL grabbed me when the Fox Hunt was over and said "Lets go Christmas shopping". It wasn't bad, fresh snow on the ground, and when we got there we were the only ones in the parking lot. They had just stocked the shelves and we had a ball. When your buying for 5 kids you need all the help you can get.

Oh, ya the Fox report. I didn't get my 30 but boy did you guys try to help. It was non stop until 0330 then the band went belly up and nada. I called CQ for 20 min until I got a taker - 599 from Independence MO. nearly blew my ears off. I need to remember to turn the auto gain back on when I'm just hunting. He was almost QRP too - he was only running 199 watts - said he had more if I needed it, was looking to buy an amp. I asked him if he ever thought of running QRP - didn't get an answer. As

a matter of fact near the end I was loosing him too. Anyway, I haven't reviewed my list yet and my eyes are going buggy so I'll give my report tomorrow - just before the next hunt.

Thanks

de

Brad Mugleston - KBØROL

Colorado QRP Club # 170, QRP-L #316, ARRL

QTH - Aurora, CO - DM79oq

KBØROL@JUNO.COM

BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [5184] Fox Tonight?
Message-ID: <9611271746.AA18882@aud.alcatel.com>

Is there a fox tonight???
72,k3ets

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [5176] Fox: Apology
Message-ID: <199611271743.LAA14194@multi13.netcomi.com>

Bob:

Thank you for your patience last night. My operating technique left a little to be desired. I have an excuse, you see. I had to ..

Well, let me start from the beginning. I had everything wrapped up at work so I could head home early. Just then, a sales rep walked in, bringing the information he had promised me a week ago. By the time I finished talking with him, I knew I would be late for the first horn of the hunt. I wasn't going to have much time for fox hunting, because my daughter's Thanksgiving pageant was later in the evening. She was a Native American drummer in patent leather shoes (her choice). But, back to the fox. Rushing out the door at the office, I nearly forgot to take the new power cable that I had wired up for the new foxhound, Kenny.

Kenny. I forgot to tell you about Kenny. He's the new Kenwood TS-570D that I just got to help me track down those pesky foxes. I just got him from the breeder, and he's from the same line that Bob, N6WG's faithful

companion, Kenwood, comes from. I hope he shows the same instincts that Bob's hunter does.

So, anyway, I rushed into the house just after the start of the hunt, blew my wife a kiss, and headed straight to the shack. I nervously connected up the new power cable, muttering the mantra, "red-wire-plus black-wire-minus". I figured tonight would be a tough test for young Kenny, trying to sniff out that old fox from the other side of the country using that old high radiation angle G5RV. No sooner did I release him, when little Kenny showed his breeding and pointed right to that pesky fox, who was a good S7 here, by the way.

Well, any hunter knows that the key to a good hunt is the relationship between a hunter and his companion. Kenny and I had a lot to learn about each other in a very short time. We had a short discussion of strategy when he found the fox: "Let's see, how do we set this thing, power, yep, five watts, internal keyer on, yep, speed, yep, 60 wpm, uh, nope, um what do I turn?, oh there, yep, DSP filter, yep. OUCH!" While Kenny and I were huddled, a big QRO bear crept up alongside the fox and was growling something fierce. Even took a nip out of my ear, which would have been a lot worse had Kenny not been real quick with his AGC. "Filter", I cried, hoping Kenny would prompt me about his built-in audio DSP. But he was too excited because the fox was fading. He wanted to get into the fray, and he couldn't be held back. So he shouted out, "K1MGxq". His voice was nice and sharp, but it was clear that his keyer timing would take a little effort to master. I let him bark a few more times while I frantically searched for the right combination of DSP and IF settings to keep that old bear out of our hair. Then suddenly, little ol' Kenny got him! Treed that sly fox for sure! Now it was up to me to get that pelt. But Kenny wouldn't bark! Then I remembered that I turned his vox off to check zero beat. I fixed that, and proceeded to work at getting that pelt, when the big bear growled right in my ear, even closer than before...

Well, wouldn't you know it, that sly old fox had been there before. He knew how to handle an old bear. He patiently waited for repeats, and strange pauses, and all of Kenny's exuberance and my mistakes until the whole job was done.

I have to say, Kenny did a real good job for his first foxhunt.

We spent a few more minutes getting to know each other, and I'm pleased to say that we found the right combination of filters to scare that bear right out of the woods. "Growwwl", he said. "100Hz bandwidth", I said, and he hightailed it right out of there.

Kenny and I heard Floyd here at S9+. Kenny also got a good whiff of W1HUE, so he's ready for you, Larry. Fair warning.

Well, that's how Kenny and I started off together. I think this is the start of a beautiful friendship....and a whole pile of foxes.

Kenny's in for a treat. I got him a new Gap Titan antenna for Christmas. It's sitting in the box in the living room. I'm not sure I can wait for Christmas, though. Is it OK to give Thanksgiving presents?

Lest you think that I have abandoned the IC-730, IC-735, and Tentec, let me tell you about them. The IC-730 answered a higher call. He's off to Costa Rica via Mexico and Tennessee to help out a missionary there. Little TenTec decided to give a new family the thrill of short-wave. Only IC-735 and his accessories are still here, waiting for just the right ham to call him to a new home. He says that he would be perfect for a condo or apartment, or even a 40 acre ranch.

And my daughter's Thanksgiving pageant went off without a hitch. It was a good evening here in California, even if we did lose to Texas.

So that's how it was on this side of the hunt last night, Bob. Hope you had as much fun as I did. Thanks.

Mike K1MG
Saratoga, CA

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Ed Tanton <n4xy@avana.net>
Subject: [5230] FS: New 12V PS
Message-ID: <3.0.32.19961127225506.0094a8a0@tiger.avana.net>

Hi All... my friend Allen Bond, WB4GNT, is selling for his church a new, still in the orig. box/wrapping 12VDC 0.8A brick-style (can be opened) power supply. He will ONLY sell these by the box of 12-but the price delivered CONUS is \$29.00 per carton of 12! I have disassembled one of these, and it is VERY under-rated @ 0.8A. The diodes are 3A, the xfmr nice and large. The regulation is a simple zener-pass transistor circuit, and adjustable. Output is via a cable with an 8 pin DIN connector, with pinout on the box.of the box is 3.5" x 6.25" x 2.5". This unit was designed for use with some sort of transceiver according to Mitsubishi. These power supplies were donated to a local university, and then to Allen's church. Neither Allen nor myself is making one dime on this-it seemed to me like a good PS for QRP use. If anyone wants to buy them all (~30 cases) talk to Allen-he'll make you a deal! Contact Allen-not me-via email: <mgs@avana.net> .
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX

189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Dan Reynolds" <bcdlr@midwest.net>
Subject: [5164] FS: TNC
Message-ID: <199611271249.GAA15281@cdale3.midwest.net>

Okay, I know it's not exactly qrp, (well it was, though, I used it with my 0.1 watt 2M HT), but I thought I'd offer it to you guys. I have a Kantronics KPC9612 TNC. This is a "dual" port TNC, 9600 baud and 1200 baud. Capable of talking on both ports at the same time with two radios. In very good condition, working perfectly, and I'll throw in a wall-wart to power it as well. All boxes, manuals, some cables. Need to sell for Christmas money. \$140 shipped or make me an offer. It has the extra mailbox memory as well.

Dan Reynolds - Technology Coordinator
Lutheran School Association of Decatur, IL
ham radio: KB9JLO
web: <http://www.midwest.net/orgs/lsa/>
email: bcdlr@midwest.net or lsa@midwest.net

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)
Subject: [5202] Happy Thanksgiving - - -
Message-ID: <199611271933.LAA23880@dfw-ix4.ix.netcom.com>

A "Happy Thanksgiving" wish - to all my QRP friends -
those who I have met - and also those who I have not yet met -

72 de Steve / AA1BK

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Jess Gypin <jgypin@bi.com>
Subject: [5212] HP 8558B Spectrum Analyzer Help!

Message-ID: <329CABD9.7559@bi.com>

Hi All,

I have just acquired a HP 8558B Spectrum Analyzer. I need to know if anyone out on the list has any information on this as far as a schematic or manual. I have not even fired the thing up yet and need to know about what I have here. From what I read on the front, it is a .1 to 1500 MHZ analyzer. Anyone out there have any information on this??

PLEASE DO NOT send any replies to this Email address. Please send responses to JessQRP@aol.com only please.....

Thanks for the help!

Best
Jess NOTFI

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Doug Hudspeth" <dhudspeth@bjsservices.com>
Subject: [5178] HW-100 Parts
Message-ID: <vines.QBc7+aI5bmA@email.bjsservices.com>

I Have just acquired an incomplete HW-100 and need a couple of pieces to make it complete. Was wondering if anyone out there might have the items needed.

- item #1 flexable spline
- item #2 Garter Spring
- item #3 Knob (main tuning)

These items are missing from the kit. They were part of the Dial Drive Assembly #467-1.

With the missing parts and final alignment this will become my first Non QRP HF rig.

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [5162] HW-8/MFJ-941 sold
Message-ID: <199611271227.GAA08970@shell.dialnet.net>

The HW-8 and MFJ-941 have a new home. Thanks for the inquiries.

Kelly Ellison - WB0WQS
kelman@dialnet.net

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: DYARNES@aol.com
Subject: [5155] Index QRP ++
Message-ID: <961127002610_1917745724@emout14.mail.aol.com>

I have a couple of questions--probably these have been discussed before, but I killed my computer so I have lost all my old files from QRP-L. Larry may have addressed this before, but here goes.

Frequently (nearly every time) when I turn on my QRP++ I hear noise but no signals. If I turn off the rig and then turn it back on again everything comes to life. I don't remember ever having to turn it on a third time, but nearly always have to turn it on twice. Apparently the microprocessor is stuttering, but is this common? Anyone else have this problem? I haven't talked to Bruce or Tim about it yet.

The other problem is something I seem to remember previous comments about. That is that there is a bad problem with blocking from adjacent signals even if they are only "moderately" stronger than the signal I am trying to copy. The adjacent signal needs to be definitely stronger to cause this, but it sure doesn't have to be a barn burner. The variable filter doesn't seem to help much, if any, in these situations.

Just wonder what others have experienced.

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [5181] info
Message-ID: <329C7788.58E2@pacbell.net>

Hello all...I keep seeing the posting of an IRF 510 amp. What is it?

and is there a schematic of this amp. somewhere? Thanks rich

--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ARS, QRP-L & E.C.R.A.

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: bruce muscolino <w6toy@pop.erols.com>
Subject: [5158] Insomnia can be your friend
Message-ID: <199611270832.DAA06530@smtp2.erols.com>

Good Morning Gang,

And I do mean Good Morning. It's about 0315 here in Maryland and I had to write this. I got up about 20 minutes ago for non-radio related reasons and, since I was up I decided to have a quick look at 40 meters to see if a newly discovered source of static was gone. It was, and I've decided it is my next door neighbor's exterior garage door lights. You sure don't have those kind of problems living in a condo!

Well, since I was up anyway, and since the TS130V was on, I decided to have a look at the 40 meter band. The first station that caught my ear was an EA8 working a ZL2, and I could hear both sides pretty well, maybe S3.

Then I tuned up toward 7040 and what should I hear but a beacon. No, not the "F" or the "S", but a "C" beacon, chugging along about 10 wpm at about S4. The time was then 0300 local or 0800Z.

Tuning back down the band to the safe haven of the Extra segment I came across a station sending CQ. It was CT3FT on Madeira Island (Africa). His name is Cedric and he gave my 5 watts a 549. Guess the antenna is working better than I thought!

So, thanks for sharing my morning excitement with me. All in all it was pretty good. As I usually get up at 0430 to go to work, I guess this time, getting up a little early paid off! But, I'm going back to bed pretty quick!

--

Bruce -- W6TOY/3
Still QRP, Really! (c)

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: K5GQ@aol.com
Subject: [5163] Instructions on changing from AOL to Juno

Message-ID: <961127073802_1218572900@emout05.mail.aol.com>

Have misplaced the instructions and address to subscribe to the digest.

send to listserv@lehigh.edu
subject subscribe qrp-l/Digest

Body -- empty

This did not work.

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Bruce C. Williams" <n9jcv@wwa.com>
Subject: [5189] KC2 questions
Message-ID: <Pine.BSI.3.95.961127121804.851A-100000@shoga.wwa.com>

I am just getting around to starting building my KC2 I got from Norcal. I was thinking about doing the following and wondering if anyone out there had any experience with/or knowledge of why the following might not work.

I would like to put the KC2 in its own case. On the back of the case I would have inputs required for the Frequency counter portion. This by itself without any other functionality would make me happy.

I would be even happier if I could also put inputs for the SWR and RF wattmeter functionality.

I am a straight key guy and am not even thinking of using the keyer.

I am not very knowledgeable about electronics, but just thinking of doing this makes me wonder if I might have problems because of the length of the connections between a QRP radio and the box that the KC2 is in.

If anyone could help me it would be much appreciated.

Bruce N9JCV Norcal #359

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [5229] L/C Meter
Message-ID: <199611280337.UAA12786@primenet.com>

I've been looking at the ad for the L/C Meter II from AADE on page 67 of the Dec QST.

Does anyone have any experience with this unit? Looks like it might be a nice item to have, and it comes in kit form, too! Something to build while waiting for the 39 Special or the Rainbow tuner.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>
Subject: [5226] My Second FOX!
Message-ID: <961128023751_70511.3041_IHD81-1@CompuServe.COM>

Gang:

What a day--and night--it was for me on ham radio. QSOed with JA3AAW on 20 metres at 2304 with OHR Explorer II into the Carolina Windom. First-ever JA for me, and my 24th DX country since returning to active status July 21, 1996. Happy to be back! What a hobby.

But then...at 0202 I got Larry-the-FOX right smack dab on 7043.0. He was right where he had promised to be. Got to admit, for me it was as much fun as working the JA earlier. This time used the TenTec ARGO at 5 w.

Larry, you were doing a FB job hanging in there despite the pileups. Excellent operating and a very nice fist to copy. Thanks for coming back to me.

72/73,
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: bhowell@mail.utexas.edu (Bill Howell)
Subject: [5223] Need Yaesu FT-7 power plug pin-out
Message-ID: <199611280150.UAA36021@nss2.CC.Lehigh.EDU>

A friend recently purchased an FT-7 QRP rig. He has the owners manual, but no diagram for the DC power connector on the back. The connector is a 6-pin. If anyone has a diagram of the pinout and is willing to fax it to me, it would be much appreciated.

This rig is going to be a christmas present to his dad (to get him back into CW!)

Fax # is:

(512) 471-3636 (Please include a "cover sheet" with the fax, as other folks use this machine also).

Thanks,
Bill Howell
University of Texas at Austin
Electronic Maintenance
bhowell@mail.utexas.edu
N5ALO QRP-L #415

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [5154] NJQRP November Meeting - long
Message-ID: <199611270515.AAA09923@mail3.voicenet.com>

Gang, forgive the bandwidth, but as Paul the Paperback Writer knows, the words just gotta come out!

The November NJQRP meeting was hosted last Saturday by Jim Nestor, WK8G/2 in his home near Princeton Junction, NJ. I'm not sure whether or not anyone took attendance, :-)) but we had at least 13 or 14 attendees. Vince, do you know who was there? I'd like to acknowledge the first-timers and regulars, but don't remember them all, so until the list is complete, I'll demur.

It began in typically unstructured style. We really don't want too many of the normal ham club trappings of officers or business meetings (well maybe sometimes...). We gathered initially in Jim's kitchen where all the edibles were deposited. No California Burgers, but we did have blueberry muffins, doughnuts of some sort, bagels from the Bagel Place in Cherry Hill (yum!) and lots of other pastry to tempt.

Those who had show and tell stuff began showing and telling and before too long the kitchen was much too crowded. Downstairs in Jim's shack there was much more room to spread out. One person can't see everything, but I describe what I remember. If anyone else remembers more, please speak up.

Dean, N2TNN had his well built, but non-warpable 40-9er. Vince WA2ECP used his sharp eyesight to spot the fact that the xtal-tuning trimmer was installed 120 degrees from where it should be. Admit it, Dean isn't the only one among us is he. Let he who is without sin cast the first crystal.. errr.. You know what I mean.

Tony, W2GUM brought a bamboo-colored 16 foot telescoping fishing rod that he bought *years* ago. He's even used it for fishing! Not to be outdone, Dean brought out his already assembled SLV built on a mail-order Cabelas rod. Gotta hand it to him, he's a craftsman!

I must modestly admit that I had a show and tell piece, too, the second printed circuit prototype of the Rainbow Bridge/Tuner. Although built on a pc board with hand drawn traces (ink resist pen then etched in the normal way), from the top side it looks pretty good, if I do say so myself. It uses all of the component types that will be in the final version so it is very representative. Although not wired up in the box yet, it was carried in a real live Altoids tin (even washed out the sugar!) to show that it really fits.

Jim showed us around his shack and several of us envied his compact lathe and drill press. You know he's a serious homebrewer when he shows you his homebrew keyer paddles. And his compact keyer (CMOS-II?) is in a box that looks like it was professionally built and labelled. Great stuff!

The combination of warm day (about 50 degrees) and Dean's SLV proved irresistible - we just *had* to go out in the back yard and try it out! Using an Autek RF-1, we measured a resonant frequency just below the 40 meter band. It was either 6.513 or 6.315 MHz, Dean has a photo of the RF-1 face to prove it! Neat digital camera - Dean is getting to be a serious contender for the NJQRP member with the neatest toys!

Then out came the rig. Someone's NC-40 (I think) was pressed into service along with one of Jim's antenna tuner and keyer and Vince's Kitano paddles. At one point in the tuneup, we checked how well tuning agreed between the MFJ tuner's cross-needle SWR bridge and the RF-1. At first they didn't agree, but then we realized that one of the guys was playing touchy-feelie with the antenna! So many discussions were going on that I'm not even sure whether or not any QSO's were made. After all we're not like Doug, KI6DS. When he tries out a new rig or antenna, he works the world. We're just humble NJQRP'ers who have to *work* for every contact!

Next we broke NJQRP tradition and actually held a business meeting of sorts! You see, yours truly was hornswoggled by that smooth-talking Doug Hendricks into agreeing that NJQRP would undertake the effort of kitting the Rainbow Bridge/Tuner. Somewhere along the way it occurred to me that on the right coast we don't have 27 hours in each day so I would have to sweet-talk someone else into taking over some of the kitting responsibilities!

We had an excellent exchange of very good helpful ideas and rounded up volunteers to take on the necessary administrative, financial, parts ordering, warehousing, mailing and technical duties. I'm still the technical lead and manual writer, but the other responsible folks will remain anonymous until we officially announce that the kit is available. No sense in having anyone (else) inundated with requests before the gate opens! I promise that within the week we will make a pre-announcement with more details. The final announcement will be sometime in December. Alas we don't yet have the well-oiled qrp kit machinery that NORCAL has refined!

After 4 hours of O.D.'ing on QRP, the outing petered out as the addicts staggered away mumbling oaths to work foxes, build NORCAL kits and build their won SLV's that very afternoon. Jim's wife had wisely abandoned the house to his nerd friends and somehow knew just when to return to survey the damage. Of course Jim was still out in the backyard surveying the best location for his *next* skywire. Since he didn't want to get a new job and move to New York City, we had taken pity and not put his new antennas all the way up - although I did see a Wrist Rocket and heard someone call HEADS UP....

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5233] not DX, but very fun!
Message-ID: <961128040709_70731.722_EHM63-1@CompuServe.COM>

> His rig was called the "Spider JR", he said it was in the Nov, 1994 issue
> of QST and that it came from a kit. Does anybody recall this one, it sure
> sounded great on the air. I would like to try this one out. I wonder who
> made the kit?

Lektrokit 401 W. Borgrad Rd Sandusky Ohio 44870 Used to cost 12 bucks for board and plans, 30 bucks board and onboard parts, 40 complete kit, 60 assembled/tested complete. Includes primitive straight key that fits on top. Audio filter acessry 6 bucks. No VFO, two Xtal sockets, knob to pull freq a VERY few kHz. All controls, sockets, and connections on the top, not front.

Instructions very complete, diagrams and pictures even more simplified and step by step then Heathkit. 80,40,or 20 metres. Tiny rig, transmitter only.

Info above from Oct '93 Radio the _Radio Fun_ magazine which new liscenceees seemed to rcv unasked for.

Dan
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Richard A. Stern" <Richard.A.Stern.1@gsfc.nasa.gov>
Subject: [5190] NW3N becomes EA8NW on GRAND CANARY ISLAND
Message-ID: <199611271826.NAA01949@popwff.gsfc.nasa.gov>

After many delays, NASA expedition to Mesapolomas, Grand Canaria Island has started. Myself (NW3N ... EA8NW, while on Grand Canaria) and Chuck (KE3ND) will be operating SSB 14.260 Mhz at approx. 1700 GMT, for a couple hours each night when possible. We would, also, like to work some CW in around 14.026Mhz.

We were on the island from 11/13/96 to 11/25/96. We operated only two days after 1700 GMT (the night of the 22nd and the 23rd).

It took us quite abit of doing to overcome the language barrier before we found out where to pay the fees for the reciprocal one (1) year license. (that's a story in itself!!!). The fees were 5,000 pesetas for the operating/station license, plus 1,350 for processing fees. The fees were paid at a post office (Caja Postal) located in a specific bank branch location (Argentaria). We found this out after going to many banks, goverment building and returning to the fourth floor for further confusion. If it had not been for a pretty senorita over hearing our dilemma, KE3ND and myself would still be circling Las Palmas! YES!! 'Binkey' spoke good English. (God is good!... HUUURRRRAAAHHHH!!!)

We will return on 12/8/96 through 12/21/96 and operate with the same routine. Send a SASE to NW3N (good in the book) and will return a QSL ASAP. We are hoping to get special QSL cards made up for this. So, be patient with us. We will be returning in early 97 and will post an update for that trip.

RECAP:	CALL EA8NW ---> NW3N mail SASE
	SSB ----> 14.260 MHZ at 1700 GMT APPROX.
	CW ----> 14.026 MHZ
	XCVR. ----> IC-735
	AMP -----> IC-2KL (we will only running 200WTS)

ANTS. ---> CUSHCRAFT R-7, 40M FOLDED-DIPOLE
LOCATION ---> NASA/ MOBILE RANGE CONTROL VAN,
MASAPOLOMAS, GRAND CANARY ISLAND

Special thanks to (EC8AYF) Antonio for his fine hospitality and helpfulness while on the Island. MANY THANKS!!!!...

Later NW3N RICH STERN

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [5209] OHR SCAF Audio Filter
Message-ID: <1.5.4.32.19961127202609.00691ed0@adsnet.com>

Received the new version of the OHR SCAF filter. This was part of the last group purchase but was not available for shipment until now. Ain't that great - a long holiday weekend and a new kit to build!

72/3 de Allen - W9DZ
f.k.a. K9DZE

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: ko6gf@ix.netcom.com (Denis Englander)
Subject: [5191] QRP Field Day in May 1997 - 4K file 11/96
Message-ID: <199611271827.KAA19489@dfw-ix4.ix.netcom.com>

This is multipart MIME message.

--lfxtuuqnavvwqegvvggdlkmgdpotm
Content-Type:text/plain; charset=US-ASCII; name="NCZ3A0A.TMP"

Hi gang...

Attached is a file from Compu\$erve - announcing QRP Field Day event.
Sorry if it's a Dup for some of ya! 72 de K06GF - Denis

--

ko6gf@ix.netcom.com - Denis Englander
Packet: KO6GF@W6PW.#NOCAL.CA.USA.NOAM
Norcal #34:ARCI #8682: (kd6eti 01/92)

--lfxtuuqnavvrwqegvvggdlkmgdpotm
Content-Type:text/plain; charset=US-ASCII; name="fdim1196.dme"

QST - QRP - QST - QRP - QST - QRP - QST - QRP - QST

"Four Days In May (c)" QRP Symposium - The Amateur Radio QRP Event of 1997

QRP Amateur Radio Club, International (QRP-ARCI) proudly announces the second annual "Four Days In May (c)" QRP Symposium to be held on Thursday, May 15 1997 - the first day of four festive days of 1997 Dayton Hamvention (c) QRP activities. Mark your calendar for this extra bonus day and register early for this not-to-be-missed QRP event of the year.

Amateur radio QRP presentations, workshops and demonstrations will be the focus of the full day Thursday activities to be held at the Days Inn Dayton South (513-847-8422). Last year, this sold-out event was a "standing room only" crowd of 100 enthusiastic pre-registered attendees. For 1997, the FDI M QRP Symposium will be moved to the hotel's larger ballroom facility so make your reservations early before it's sold out again. FDI M QRP Symposium attendees will start their day with a wake-up coffee social and then plunge into a morning of multimedia QRP presentations by renowned QRP authors and designers. At midday, attendees are treated to a catered lunch and QRP door prizes. Then it is back to an afternoon of more exciting QRP technical presentations. Culminating this first day, will be an evening of guest QRP tutorials sponsored by regional QRP clubs. The 1997 "Four Days In May" QRP Symposium will be the talk of the 1997 Dayton Hamvention (c).

The "Four Days in May" QRP extravaganza continues with the annual Friday night QRP-ARCI Awards Banquet honoring QRP dignitaries for their service to the amateur radio community. Following the Awards Banquet, a special evening has been set aside for the FDI M QRP Vendor Social where prizes will be drawn. Saturday will also be special this year with an evening for QRPers to meet the many regional North American and International QRP Clubs - bring your banners! QRP Club awards will be presented to those who submit their "pride and joy" QRP construction projects for judging.

"Four Days In May (c)" QRP Symposium: Frequently Asked Questions:

- QRP SYMPOSIUM PRESENTERS - Please submit your QRP technical manuscripts to FDI M Technical Paper Chairperson Bruce Muscolino W6TOY/3 at PO Box 9333, Silver Spring, MD 20916-9333 or Email: w6toy@erols.com Presenter's papers will be bound in the 1997 FDI M QRP Symposium Proceedings. All attendees receive the Proceedi

ngs.

- FDIM QRP SYMPOSIUM REGISTRATION FEE - Registration for the Thursday, May 15, 1997 FDIM QRP Symposium will be \$30 if prepaid by May 1, 1997 and \$35 after that date or at the door. "At the door" registration may be limited if, once again, we sell out. Please register early to guarantee a seat. Registration will cover a full day of QRP Symposium activities, which include the QRP technical presentations, the 1997 FDIM QRP Symposium Proceedings, the scrumptious QRP luncheon, those famous "special" Symposium bag stuffers and finally an endless QRO coffee pot.

Please send your \$30 registration fee (US check, money order, international money order) made out to "BOB FOLLETT" by May 1, 1997 to: Bob Follett AB7ST, FDIM Registration Chairperson at 2861 Estates Dr, Park City, UT 84060 or E-mail: bfollett@ditell.com

- QRP-ARCI AWARDS BANQUET - This not-to-be-missed Friday May 16, 1997 event is once again being hosted by FDIM Banquet Chairperson - Pete Meier WK8S. Please send your \$15 banquet ticket fee (US check, money order, international money order) made out to "PETE MEIER" by May 1, 1997 to: Pete Meier WK8S at 4181 Rural, Waterford, MI 48329 or Email: pmeier@tir.com

- FDIM QRP VENDOR SOCIAL - A tradition was started at FDIM 1996 - a special evening was established to officially introduce our QRP Vendors from around the world. All are invited to attend this wonderful Friday, May 16, 1997 evening social. Preston Douglas, WJ2V will once again be our gracious host. QRP Vendors - for registration information please contact Preston Douglas WJ2V, QRP Vendor Evening Chairperson, at 216 Harbor View N, Lawrence, NY 11559 or via Email: Pdouglas12@aol.com

On behalf of the FDIM team we invite you all to join us for the QRP Event of 1997 - the "Four Days In May (c)" QRP Symposium at the 1997 Dayton Hamvention. See you all there. Bob Gobrick V01DRB/WA6ERB FDIM Publicity Chairperson (email 70466.1405@compuserve.com).

--lfxtuuqnavvqwqegvvggdlkmgdpotm--

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5225] QRP Sounds
Message-ID: <199611280154.SAA23195@dancris.com>

Randy Foltz WB5QMP and I have collaborated to provide his recordings of the pile-ups during his turn at the FOX's lair on 11/7/96. You can hear them from my page at <http://www.dancris.com/~ki7mn>.

Neat sounds, and good work by Randy.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any order of importance.

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: Marshall Emm <75230.1405@CompuServe.COM>

Subject: [5200] QRP-L Fox Saves Low Down

Message-ID: <961127190028_75230.1405_HHB45-1@CompuServe.COM>

We were scheduled to fold Low Downs here last night, and I knew Dick (AB0CD) needed a Novice/Tech fox so I went down to the shack to turn the rig on at about 6:30. I immediately heard all kinds of ruckus where Bob was working his way through the pile-- Bob whom I had frustratingly sought 24hrs earlier as per the "official schedule." Worked him (nice job, Bob-- skill and patience get the job done every time) then tried to call Dick on 2M to let him know that Bob was there. Didn't get Dick, got Roger, who didn't know the LD folding was even scheduled. Roger called Rich, who realized that we didn't have stamps, which reminded him to call Dick, who hadn't done the labels!

So when CQC members get their Low Downs on Friday or Saturday, they'll owe a vote of thanks to the Fox.

Dick DID finally get his N/T Fox, by the way-- mobile on the way here.

73

Marshall

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: Allen Jones <ajones@adsnet.com>

Subject: [5205] Quarterly Subs

Message-ID: <1.5.4.32.19961127200400.006844e4@adsnet.com>

Is Mike Bryce still in charge of membership renewals to ARCI and subscriptions to QRP Quarterly?

Thanks. . .

Allen Jones, W9DZ

f.k.a. K9DZE

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [5222] Rainbow Bridge/Tuner Update
Message-ID: <199611280135.UAA02292@mail3.voicenet.com>

Group,

Doug Hendricks, KI6DS has done a good job of outlining what the NORCAL Design activity projects are and he has used one of them, the 38 Special. I'd like to add some more info on the Mint Tin Rainbow SWR Bridge and Tuner, or the Rainbow, for short.

It's a simple-minded tuner for half-wave end-fed wires and an autoswitching, no-adjustment SWR bridge with a multicolored LED bar-graph display. And it's all on a 2x3" printed circuit board that will fit nicely inside an Altoids mint tin.

While designed as a companion to the popular 40-9er for 40 meter operation, it also has enough tuning range built in to work just as well on 30 meters with the 38 Special. Of course since it is meant for use with a half-wave wire, you need to use a 67 foot wire for 40 meters or a 46 foot one for 30.

The SWR bridge is a resistive type so that the transmitter sees a maximum SWR of only 2:1 while the tuner is being adjusted. As many have found out, simple rigs like the 40-9er do not like high SWR - they misbehave and put out off-frequency signals which make antenna tuner adjustment difficult. And as an added no-extra-cost feature, the Rainbow, as delivered will sport 1 watt resistors in the bridge so that the max power rating will be 4 watts. Of course this is for intermittent duty - a couple of watts in the box will make it hot!

The formal announcement of kit availability will be in December, closer to the printing time of QRPp and the QRP Quarterly. Anticipated price for the printed circuit board and all board-mounted components will be \$25 plus \$3 for shipping. In the NORCAL tradition, we will assign numbers to the orders as they come in and shipping will be within 45 to 60 days in numerical order. NJQRP will be offering the kits for sale at a to-be-announced time. No early orders, please and we are intentionally not naming the order-taking person at this time so that no one is tempted to jump the gun on ordering!

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: lhalliday@creo.bc.ca (laura halliday)
Subject: [5179] Re[2]: Evidence for sub-\$50 Transceivers...
Message-ID: <199611271712.JAA20612@BC.net>

There was an awfully cheap 40 meter SSB transceiver in
VHF Communications (2 and 3/1996) by F6IWF. His target price
was DM100, but for that he got AGC, an S meter and 20 watts output.

I was particularly interested in his PA, where he paralleled
an army of small signal transistors. With most metal can
transistors being discontinued (have you bought 2N3866, 2N3565,
2N5109, 2N5179, etc. lately?), this could be something well
worth following up.

Sorry, kids: these are current issues. If you want reprints,
please contact VHF Communications directly. They're on the net.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.com	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [5186] SLV: Rework and Questions - Long
Message-ID: <1.5.4.16.19961127121847.0a5f5332@destin.nfds.net>

Hi Everyone,

Well, I got bored yesterday. I had a dozen things I needed to do and
another dozen things I should have done, BUT, it was my Sunday (2nd day off)
and I didn't feel like doing anything. Soooo, I took my SLV apart and
played with it. I had also borrowed my local clubs MFJ antenna analyzer.
AND, this was a practice for FYBO, it was 45 degrees with 20+ MPH winds and
I did all the playing in the front yard.

Anyway, I wasn't real happy with the performance using 300 ohm twinlead, so I stripped it all off. My vertical radiator is now 15'4" of 14 ga. multi-stranded copper wire. I now have 4-25' 14 ga. speaker wire radials for the counterpoise. I took a piece of 1 inch foam pipe insulation and wrapped 14 gauge insulated solid copper wire from bottom to top (124 turns/ about 63' of wire). Had this idea (the wire) from the start, Jess (N0FTI) came up with the insulation in his post, thanks Jess. I then went and stripped about 1/2 - 3/4 inch of insulation off every 5th wire on the coil. What I was going to do was try to find a clip point for matching each band, with special emphasis on the bands I use most (40/75).

Natural resonance now was 2.3-2.4MHZ @ 40 ohms. Right off the bat I noticed a significant increase in my reception over the twin lead. Using a tuner, matching was much easier than with the twin lead, and the settings were much closer to those I normally use with my 40 meter dipole. This was using 300 ohm twin lead for the feeder line, no balun/choke.

Now for the experimentation. First off, I changed out the 300 ohm feeder line with 52 ohm coax. Bad move, antenna became resonant at 62MHZ@40 ohms, and though it would match using a tuner, performance sucked. So I went back to the 300 ohm twin lead. In fact I put a BNC connector on the end of the twin lead. I found a direct feed point about 2/3 way up the coil that gave me <1.5:1 from 7.01 - 7.17Mhz @ 40 ohms. Connected my HW-8 direct to the twin lead and signals were really strong. Went in the house and checked the same signal on my 735/dipole (up 25 ft) and they were about the same for most stateside. DX signals were a little stronger on the SLV. Got on the HW-8 (abt 1.5w out) and called a stateside station, he responded then faded out. Gonna try to set it up again early next week and play on it for a couple of hours. May even try to fox hunt with it.

Now the questions. I tried to find a resonant tap point for 3.5Mhz. I never could. From the bottom of the coil to the top went from 2.3/2.4Mhz to 2.8/2.9Mhz. I should add that at the 2.3/2.4 point, it was also flat at 5.0Mhz, thus I was able to find a point for resonance at 7.0. Anyone tell me why? I also could not find a resonant point for 10.1 or 14.1. Guess I'm gonna have to study some more on this.

BTW, I am not a designer, electronic technician, drafter, antenna builder, or any of those type people. I get an idea and try to make it work without always understanding how it works, or why it don't. Like I've said before, If I Knew What I was Doing, I'd Be Doing Something Else.

Ideas, suggestions, comments Please?????

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282

Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [5187] Smallest sidetone?
Message-ID: <199611271820.SAA18799@mail.enterprise.net>

I plan to use a Mizuho 20m handheld for holiday use, with CW being the main mode and would like to incorporate some form of side-tone in the rig. Yes, I can manage without, but would like the facility if possible. The trouble is, there is very little spare room, so I am chewing over various circuits for a fine audio oscillator, the depth of such a project being of prime consideration. Anyone done anything if this ilk or got any ideas?
Thanks for reading this and cheers.

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [5231] Smart fox
Message-ID: <199611280406.XAA00802@mail.ifu.net>

Grabbed at his tail many times but was too quick for me.
Took a couple shots but no hit. Too bad, ID would have been a good one.....

72/73, Dean, NJ, N2TNN, QRP-L # 560

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Bruce C. Williams" <n9jcv@wwa.com>
Subject: [5192] Solder flux question
Message-ID: <Pine.BSI.3.95.961127122330.851B-100000@shoga.wwa.com>

I have a question regarding removing solder flux. I went to dayton years back and they were closing out the solder flux remover that had some chemical in it that they can no longer make because of environmental concerns. It was \$1 a can so I bought a lifetime supply(for me) of 4 cans. Every kit that I have built in the past 3 years has been cleaned with this and I have had very good results. The name is Flux Clean NR by Rite OFF stock # e2432.

My question is this. I bought a TAC-1 kit from S&S Engineering. In there kit they include an insert that says "WARNING: Use denatured alcohol ONLY to clean flux from boards. DO not use commercial defluxers. Commercial Defluxers and other chemicals may damage components.

But on the side of my flux remover spray it say "Applications: Coaxial Wire - Electrical Assemblies - Fiber Optics - Heat Exchangers - PC BOARDS - Semiconductors - Sub assemblies - Switches - Relays - Silicone Wafers - Watch Parts and more!"

So guys, Why would S&S tell me not to use a product that was specifically designed for the purpose of removing solder flux to remove solder flux. I am not an electronics expert, But I know some of you are.

Thanks Bruce N9JCV Norcal #359 ARCI #8267

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: George Dobbs <G3RJV@gqrp.demon.co.uk>
Subject: [5221] SPRAT 89
Message-ID: <dw1E0XAfvjmyEwTb@gqrp.demon.co.uk>

I have just posted the copy for SPRAT 89 to the printer. It is due out on December 24th...

SPRAT 89 will feature:

on Front Cover : the G40PE Direct Digital Synthesiser

Articles:

Mini Crystal Checker and XCO [G3FCK] Use small item of test equipment

W1FB 455KHz BFO [W1FB] A good circuit for a common job by Doug DeMaw

Dummy Load / Super Sniffer [GM30XX] George Burt with some easy to build items for the shack

Musical Wavemeter [G1TNE] A Christmas Fun Item ... but it works

My Version of the PIXIE [W1FB] Doug again with an interesting version which include simple auto-TX offset and a single stage AF Filter

Simple VLF Converter [G3MPW] Couldn't be easier....

Lipstick No-Cost Tuner [G4UEC] Novel idea for a "no cost" tuner

IF Amplifier in a Sardine Tin [I4AFQ & IT9VKY] a very compact, good quality IF system

A Direct Digital Synthesiser [G4OPE] Main feature - a DDS controlled VFO for 5-6MHz which also doubles as a signal source for 0-15MHz. Includes band switching and mode switching to drive a multi-mode, all bands transceiver. Also makes an excellent second VFO for many transceivers. Includes LCD Frequency and Function Display, Shaft encoded tuning or keypad entry, with memories. A real useful project - with a club kit available.

Antennas-Anecdotes-Awards [G8PG] Some practical advice on artifical grounds, shortened dipoles and loop antennas, with award news...

Communications and Contests - news from G3MCK

QRP Calendar for 1997

VHF Report [G8SEQ] includes practical ideas to get on 23cm

Novice Column [G4RAW] includes a simple way to get a stable 12v supply

Members News [G4BUE]

with all the usual news - ideas and adverts.
.....Plus how to renew for 1997

ANYONE WHO IS STILL NOT A MEMBER OF THE G QRP CLUB
CAN GET INFORMATION BY SENDING THEIR POSTAL ADDRESS TO ME

.....OR

Join by Credit card by sending:

Full Name
Full Address
Callsign

Name used on the air
Credit card type [only Mastercard or Visa accepted]
Credit card Number
Date card expires
.....with a request to join the G QRP Club,
to our treasurer Peter, G3PDL at:
101365.314@Compuserve.com

George Dobbs G3RJV
The G QRP Club
g3rjv@gqrp.demon.co.uk

"It is vain to do with more
what can be done with less"
William of Occum (1290-1350)

St.Aidan's Vicarage, 498 Manchester Road, Rochdale, OL11 3HE. U.K.

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [5215] Squirrel-Proof rope for antenna supports
Message-ID: <1.5.4.32.19961127120003.00bb5f34@tcos102>

One step forward - two steps back. It seems that the squirrels in my
countryside
know that my hobbytime is a commodity. I got my 300 foot doublet up in the
air, only
to have the squirrels two weeks later chew through my nylon rope that was
supporting
one end of my antenna. I think that oil from my hands, transferred to the
nylon rope
during installation, was enough to tempt the critters, but emotionally, I
think they
just had it in for me.

Outside of steel or copper support cable, does anyone have any suggestion
for critter-proof rope to support wire in the trees??

72, n3qoo
john

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: rxd7@hunny.INS.CWRU.Edu
Subject: [5206] To All
Message-ID: <199611272004.PAA15265@rabbit.INS.CWRU.Edu>

HAPPY THANKSGIVING TO QRP-L MEMBERS.

Dick Dell,WD8ISB

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5166] Tues Nite Fox
Message-ID: <199611271355.GAA01196@dancris.com>

Well, I could hear AE4IC fairly well, when not being swamped by the qso just next to him. Congrats to those who contacted him....quite a run for Bob. As for Brad, well, I got my schedules mixed up again and forgot all about him. Now I have to wait until next week for an N/T Fox, and Larry in distant Idaho comes up tonight. Maybe the gods will smile on me for that one.

73,

Bob KI7MN

NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "William O. Reichert" <billnihh@apci.net>
Subject: [5167] Tues Nite Fox
Message-ID: <199611271420.IAA21855@hilly.apci.net>

My son had a school function I had to attend, so didn't get home until just about 0300, so missed AE4IC due to time constraints. So went up to the N/T segment and heard Brad immediately. He was finishing a QSO so called when he signed. He answered and I started the exchange. Almost immediately the ac power dropped, momentarily, but long enough to turn off the IC706. That's microprocessor rigs for you.

Rebooted (?) in time to catch Brad, though, even if I did get a 229!

Good job.

72/73

Bill, N9HH #824

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: Phil Wheeler <w7ox@ix.netcom.com>
Subject: [5210] Vanity Gate 2
Message-ID: <329CA5FD.5699@ix.netcom.com>

My analysis says that yesterday FCC got past the Day 1 Gate 2 vanity apps. Mail to me from ARRL confirms.

Not exactly QRP .. and I've been flamed (with no effect) for that in the past .. but I think *some* here may be interested.

72..Phil W7OX

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: lve1@inel.gov (Larry V East)
Subject: [5185] Wednesday Night Fox
Message-ID: <2.2.16.19961127180818.285f265c@eloi>

Don't forget the Fox tonight -- last chance until next week!

Date/Time: 0130 - 0330 UTC Nov. 28
2030 - 2230 EST Nov. 27 (Wednesday evening)
1930 - 2130 CST Nov. 27
1830 - 2030 MST Nov. 27
1730 - 1930 PST Nov. 27
Call: W1HUE (QTH - Idaho)
Frequency: 7.043 MHz +/- (7.037 MHz +/- if digital QRM shows up)
Exchange: RST, State/Prov, Name, QRP-L No. (or power)

I'll be list-nin' for ya!

72, Larry W1HUE/7

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Bruce C. Williams" <n9jcv@wwa.com>
Subject: [5194] Wilderness Radio solder recommendation
Message-ID: <Pine.BSI.3.95.961127123212.851C-100000@shoga.wwa.com>

I just purchased a Sierra from Wilderness radio and I noticed in the manual that it originally suggested using solder containing 2% silver. I thought that this would be overkill for HF. I have heard of it for UHF and microwave stuff, but for HF??? What are your thoughts?

Secondly the manual suggested Radio Shack #64-009 but it has been scratched off and Kester 60:40 has been manually written in its place. I have used radio shack #64-009 60:40 for all my previous kits in the past 3 years and not had a problem. Perhaps Bob owns stock in Kester or his family works there or he got a lifetime supply for his endorsement? I dont know but would like someone elses thoughts.

Thanks for the Bandwidth here and 2 previous messages.
Happy Thanksgiving Bruce N9JCV Norcal #359

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: ori@juno.com (Ori K Mizrahi-Shalom)
Subject: [5177] RE: Evidence for sub-\$50 Transceivers...
Message-ID: <19961127.083733.4375.0.ori@juno.com>

There are many trails leading to that evidence.
Try <http://www.fix.net/norcal.html>
You'll find the description of a \$25 superhet transceiver.
To be fully honest, you must supply two pots (50K Tuning and 1-2K RF-GAIN), connectors (power, antenna, key, headphones) and a box to your liking.
Depending where you buy (or "borrow") those you will end up with \$35-45. That leaves you enough to put in a TiCK keyer - traces included ON THE BOARD - for \$5, and if you were a careful (=cheap) shopper, you have another \$10 for an IRF-510 amp and other goodies - again ON THE BOARD!
No "tack-on" boards needed.
More "evidence" should be available in the next few days...

72

DE ORI AC6AN

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: FACMSA@facilities.buffalo.edu (Adams, Mark S.)
Subject: [5165] RE: Fox report -Tuesday, Nov. 26
Message-ID: <1996Nov27.075700.1483.33483@facilities.buffalo.edu>

Hi Gang,

Take note that NY had the same score as OK, 4 Q's. And half of the Buffalo QRP Connection was ASLEEP AT THE KEY. Where were you guys, we could have won the game!

Mark
N2VPK

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [5169] Re: Fox report -Tuesday, Nov. 26
Message-ID: <199611271520.IAA06269@zia.aoc.nrao.edu>

Bob,
You did a great job. I banged out my call for over 45 minutes and couldn't believe how the pileup just wouldn't dwindle down. And for the most part, you maintained a good copyable signal the whole time. But there ought to be a law about a NA5N, NA5K and NN9K all calling the fox at the same time -hi. When you finally called me ... I was sure it was for the "other guy" !!!

The AE4IC pileup was fun from this end also. Again, great job Bob.

72, Paul NA5N
(Just a dah away from NA5K)

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5171] Re: Fox report -Tuesday, Nov. 26
Message-ID: <Pine.SUN.3.90.961127072527.28926F-100000@vortex.sage.dri.edu>

On Wed, 27 Nov 1996, Paul Harden wrote:

> 72, Paul NA5N
> (Just a dah away from NA5K)

Hi Paul,

In the good ole' daze, the signals all sounded a little different and each operator sent cw juat a little different. You knew who it was before ever hearing the call.

With electronic keyers and most of the rigs all sounding the same,

that no longer holds true!

So, your assignment, if you choose to accept it, is to come up with an adjustable keying system that will allow the operator to chose the waveform he wants! Set the limits to keep it from getting so bad as to bugger up the whole band!

If NA5K is sounding "standard", tweek the knob a little to round off the corners and pick up a bit of the bell sound and etc.

And, how about extra points for using a bug!

All of us are getting so spoiled copying all this machine sent cw that our skills are very low! Using and copying a bug just add more challange to the game!

And that begs the question.....who will be the first to have a computer control the bug? :-) CAB! Computer Aided Bug!

Both Fox's did a good job last night. They must have.....they both were able to copy me!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [5173] Re: Fox report -Tuesday, Nov. 26
Message-ID: <v01540b01aec21594d16b@[157.142.56.166]>

(snip)

>But there ought to be a law about a NA5N, NA5K and NN9K all calling
>the fox at the same time -hi. When you finally called me ... I was
>(snip)

>

>72, Paul NA5N

>(Just a dah away from NA5K)

My heart bleeds for all of you guys with 1X2 or 2X1 calls - try banging out "N5JKY" during a pileup...I was still finishing "y," and Bob already would be working another station. Gotta get a keyer. BTW, Bob, you did a great

job. I was impressed.

Happy turkey day and 72/73 to all,
Mike N5JKY

(from the hottest little state in the foxhunt!)

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [5174] Re: Fox report -Tuesday, Nov. 26
Message-ID: <Pine.SUN.3.91.961127090855.19497C-1000000@kitsune.swcp.com>

On Wed, 27 Nov 1996, Mike McShan wrote:

> (snip)
> >But there ought to be a law about a NA5N, NA5K and NN9K all calling
> >the fox at the same time -hi. When you finally called me ... I was
> >(snip)
> >
> >72, Paul NA5N
> >(Just a dah away from NA5K)
>
> My heart bleeds for all of you guys with 1X2 or 2X1 calls - try banging out
> "N5JKY" during a pileup...I was still finishing "y," and Bob already would
> be working another station. Gotta get a keyer. BTW, Bob, you did a great
> job. I was impressed.
>
> Happy turkey day and 72/73 to all,
> Mike N5JKY
>
> (from the hottest little state in the foxhunt!)
>
> Try my call "WB5QYT", during a contest or pileup! Tom 72>
>
>

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: rright@primenet.com (Roger Hightower)
Subject: [5180] Re: Fox: Apology
Message-ID: <199611271718.KAA06546@primenet.com>

At 08:35 AM 11/27/96 -0800, Michael A. Gipe wrote:

>
>Bob:
>
>Thank you for your patience last night. My operating technique left a
>little to be desired. I have an excuse, you see. I had to ..
>
>
OK, Bob. _That_ explains it. I was listening to you while trying to get a
chance to nail the fox.
Sounds like Kenny is going to be a good pal, :-) Good luck to both of you.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Larry Makoski <n2elw@worldnet.att.net>
Subject: [5236] Re: FS: Icom 730 QRP Mod
Message-ID: <329D1A7C.4B3B@worldnet.att.net>

Kent R. Olson wrote:
> I own an Icom 730 and have been wondering just how to modify it to a QRP rig.
> Could you spare a couple of minutes to tell me how if it's not too much
> trouble? Also, after you modified it, do you still have the ability to go
> QRO (on that rare occasion if needed)? Thanks for all your help!
>
> 73
> Kent R. Olson
> KA0LDG

Kent,

The procedure for turning down the power in the Icom IC-730 appeared in
the April 1994 issue of the QRP Quarterly in an article which I recall as
being titled "Milliwatting your Icom"

Alas, as I tore through my shack looking for said issue, so I could Xerox
the article and send it to you; I remembered that I had loaned that issue
to someone (who it is, I cannot remember) and unfortunately, it has not
been returned!

I'm sure there's a benevolent soul on the list who will be able to mail
you a copy. (I posted a copy of this message to the list just for that

purpose!) By the way, the mod is just to turn a pot which controls the lower levels. Output is still 100 watts at the high end....this doesn't get affected.

--

73 de Larry N2ELW

ARRL Life Member QRP ARCI #4488 AMSAT #26430 FIST #1469

QRP-L #778 --- " QRP is NOT for sissies !! " ---

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: David.Reid@asml.nl (David Reid)

Subject: [5160] Re: GQRP - CB Radio Conversion to 2m??

Message-ID: <199611270953.KAA09773@wspub002.asml.nl>

Well, though peter VK1PK says a 1/4 wave is easiest... I think a 1/2 Wave would be easier - as over a 'perfect earth' such as the car roof... a 1/2 wave will have an impedance very close to 50 ohms and you can do away with the matching stuff all together....

I've done this form CB antennae before - and very successfully.

try it, you might like it.... or - 'let's get mikey'!

73/72 de Dave PA/G0BZF

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: john andrews <jm165723@eee.org>

Subject: [5193] Re: HW-100 Parts

Message-ID: <329C8738.764C@eee.org>

Doug Hudspeth wrote:

>

> I Have just aquired an incomplete HW-100 and need a couple of pieces to
> make

> it complete. Was wondering if anyone out there might have the items needed.

> item #1 flexable spline

> item #2 Garter Spring

> item #3 Knob (main tuning)

>

> These items are missing from the kit. They were part of the Dial Drive

> Assembly #467-1.

>

> With the missing parts and final alignment this will become my first Non

> QRP

> HF rig.

Hi Doug;

Drop me an E-mail line. Got your VFO knob(OEM Heath).

Just a hint....Flex shafts can be made by visiting the nearest junk-yard(auto) and asking for a speedometer cable, remove the cover and you will find the flex part to be made of a copper type alloy. Sweat-solder a 1/4" OD piece of copper tubing to the flex shaft after cutting to the proper length. Done.

Enough flex cable to last most hams a lifetime. :-).

72, John- N5INZ

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: lve1@inel.gov (Larry V East)
Subject: [5217] RE: IRF510
Message-ID: <2.2.16.19961127230231.12a7ab1e@eloi>

>Guys,
>An IRF510 is a field effect power transistor (FET).
>The reason they are so attractive is (a) they are not
>easily destroyed, and (b) Dans Small Parts regular
>everyday bargain price is \$1.25. If you tell him you
>have seen his Christmas "INTERNET" catalog, he will
>give you an additional 15% discount.
>

IRF510 FETs (the real macoy, not a substitute) are also available from your local "Rat Shack" for \$1.99 or thereabouts.

BTW -- I've seen comments that IRF510/IRF511's are no good above about 10 MHz ... ain't so! The QRP+ uses one in its final and can deliver 4W or so out on 10M and 12M, and a good strong 5W on 20M and below.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: john andrews <jm165723@eee.org>
Subject: [5196] Re: KC2 questions
Message-ID: <329C8BC2.5014@eee.org>

Bruce C. Williams wrote:

>
> I am just getting around to starting building my KC2 I got from
> Norcal. I was thinking about doing the following and wondering if anyone
> out there had any experience with/or knowledge of why the following might
> not work.
>
> I would like to put the KC2 in its own case. On the back of the case
> I would have inputs required for the Frequency counter portion. This by
> itself without any other functionality would make me happy.
> I would be even happier if I could also put inputs for the SWR and RF
> wattmeter functionality.
> I am a straight key guy and am not even thinking of using the keyer.
>
> I am not very knowledgeable about electronics, but just thinking of
> doing this makes me wonder if I might have problems because of the length
> of the connections between a QRP radio and the box that the KC2 is in.
>
> If anyone could help me it would be much appreciated.
>
> Bruce N9JCV Norcal #359

Hi Bruce:

The coolest idea came from Bob Kellogg(I *think* it was him).

He used RS-232 computer connectors. By standardizing the connector
you can move the KC-2 from rig to rig.(If I'm wrong I'll hear about
it!) It's certainly in my plans along with the LDG AT-11 tuner in a
seperate box.

72, John- N5INZ

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5175] Re: Long calls....etc
Message-ID: <Pine.SUN.3.90.961127081553.28926K-100000@vortex.sage.dri.edu>

Hi All,

Just an observation.....

Durring the CQ WW contest there were a number of times
I heard the following act played out. I am pointing it
out to help some of the newer folks understand why it

can sometimes be so hard to work contest stations.

I heard one pile up where the DX station was sending at about 40wpm. (Very common and almost even slow for this contest). In the group of stations calling was a 2X3 call.

This station was sending the DX stations callsign twice and then his/her callsign three times, each time adding a /qrp. All at about 10-15 wpm. What was happening is that the DX station was working anywhere from 2 to 6 stations during the time the 2x3 station was calling.

I never did hear the 2x3 station work the DX station.

I heard the same type of operations quite a few times.

My suggestion is this:

Listen to the pile up for a few minutes before calling. Try to understand how the DX station is operating. Match your style to his.

Learn to use break-in keying! When the DX station starts sending someones callsign, stop sending. Don't even finish the letter you are forming.

Never send your callsign more than once without listening to see if the DX station is working someone else or calling you. I have often heard a station send their call twice, and after the first time the DX station will send it and the exchange. Both would finish at about the same time. Then the DX station would often send either a ? or qrz and more often than not, the station in question would wind up not making a contact!

One main point to keep in mind is.....If you are sending when the DX station is sending, he can not hear you! Only send your call when there is a chance of him hearing it!

Remember that the goal of the contest stations is to work as many people as they can in a short period of time. While there is a large number of stations calling them at 30wpm, they will try to work all of them before they slow down to 15wpm. So, if you can, try to catch them when there is no one else calling. Then they don't mind slowing down!

Enough rambling! Just trying to be helpfull. I think there are many newcomers to contesting and DXing that might find something in the post they can use. I sure hope so, because it's all much

more fun when the success rate goes up!

Enjoy,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: km1h@juno.com
Subject: [5203] Re: Long calls....etc
Message-ID: <19961127.143623.9911.47.km1h@juno.com>

You forgot one thing about contest or DX pile-up operating Ron:

Never send the other guys call, he already knows it and all you are doing is causing QRM, wasting time and probably will miss the contact.

Some people seem to forget or do not know that the FCC does not require both calls to be sent. Old habits die hard with others.

Also, a well practiced contester, etc gets into a rhythm and can more readily pick out well sent keyer generated CW. Believe me, from experience, it is a real pain in the butt to have to try and decipher someone banging two sticks together on his J-38 or some OT with his Vibroplex Bug "Banana Boat Swing". There is a time and a place for them but not CQWW ! Some ops will totally ignore QLF CW.

Send /qrp only if the other station is at a more relaxed rate or bored at the end of the contest. Almost all testers use CT or similar programs and your /qrp will rarely ever get entered anyway.

Listen to some of the QRP level contest pros for other hints. You can find their calls in CQ or QST contest results. Some of their scores are amazing.

Have fun.....Carl

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Monte Stark <ku7y@sage.dri.edu>

Subject: [5207] Re: Long calls....etc

Message-ID: <Pine.SUN.3.90.961127120150.480B-100000@vortex.sage.dri.edu>

On Wed, 27 Nov 1996 km1h@juno.com wrote:

> You forgot one thing about contest or DX pile-up operating Ron:

Egad, there must be more than one!!!

>

> Never send the other guys call, he already knows it and all you are
> doing is causing QRM, wasting time and probably will miss the contact.

Yes!

Carl is right on.

CQWW is not a frendly little fox hunt! These folks are out to win! It's a lot of fun too, but at a different level.

Happy Turkey to all,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996

From: "Mark A. Arvidson" <vonowski@sound.net>

Subject: [5170] Re: PILEUP TRAINER: FREEWARE

Message-ID: <199611271525.JAA04727@guitar.sound.net>

Could somebody post this on the Internet Hamradio archives, or perhaps forward a copy to me? I don't have Compuserve access and would like to get this program. Thanks in advance.

Mark Arvidson
KB0SPQ

[currently Tech, but going to pass General next month]

> From: Dan Keen <70731.722@CompuServe.COM>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Subject: PILEUP TRAINER: FREEWARE

> Date: Tuesday, November 26, 1996 2:37 PM
>
> There is on Compuserve hamnet library 7 a nifty CW contest pileup trainer

> program that is freeware. Name is PED.ZIP
>
> a virtual contest, no radio necessary.
>
> uses controls made to be like the CT contest program.
>
> uses key/paddle input coming over either the parallel port OR joystick
port.
>
> buy locally a cheapie 2-way port switch box if using port for something
else.
>
> 9 station pileup with old 8 bit Soundblaster cards
>
> 18 station pileup with Soundblaster 16 cards
>
> 1 station pileup (?) with PC speaker
>
> Hrs how to contact the author JE3MAS, Mr. Kozu, if you would like to
find
> where it's available if you don't have Compuserve service, or if you want
to
> add the program to your own online site:
>
>
>
> > ---->>> CW Pileup trainer Ped.exe Ver 4.11i by JE3MAS <<<----
> > Copyright(C) 1993,1994 by MasIII H.Kozu
> >
> > /* This is a free software. It can be freely distributed. */
> >
> >
> > JE3MAS
> > MasIII H.Kozu
> > room 906,10-20,Chuo 3-chome,
> > Joto-ku,Osaka,536
> > Japan
> >
> > (INTERNET: KHD00751@niftyserve.or.jp)
> >
>
>

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5232] Re: PILEUP TRAINER: FREEWARE
Message-ID: <961128040714_70731.722_EHM63-2@CompuServe.COM>

> Could somebody post this on the Internet Hamradio archives, or perhaps
> forward a copy to me? I don't have Compuserve access and would like to get
> this program. Thanks in advance.
>
> Mark Arvidson
> KB0SPQ

Once drawback that wouldn't apply to you but maybe someone else is that minimum speed is 10 WPM inside PED, the CT/pileup/dxpediton trainer. However MO'SLO, a general computer slowdown utility works well with PED, slows down everything, speed and pitch. So necessary to reset tone inside PED. MO'SLO is FREEWARE and is available in MODEMGAM forum of Compuserve, library 16.

I could snail mail PED and MO'SLO on 3 or 5 inch floppies if you cannot find it/them elsewhehre in cyber space. SRI that I don't know how to e-mail encoded binary files outside from the Compuserve system.

A good footswitch for PED is an an old autoparts store step-on headlight dimmer switch mounted on a slanting wooden board.

Dan K6DZ

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [5211] Re: QRP Field Day in May 1997 - 4K file 11/96
Message-ID: <199611272051.NAA12146@primenet.com>

At 10:27 AM 11/27/96 -0800, Denis Englander wrote:

>Hi gang...
>
>Attached is a file from Compu\$erve - announcing QRP Field Day event.
>Sorry if it's a Dup for some of ya! 72 de K06GF - Denis
>
>
>--

Denis, this is not a Field Day event. FDIM is Four Days in May, a QRP Symposium at the Dayton Hamvention.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: lve1@inel.gov (Larry V East)
Subject: [5216] RE: QRP++ Questions
Message-ID: <2.2.16.19961127224737.12a7b7f8@eloi>

In a recent post, David W7AQK asked:

>The other problem is something I seem to remember previous comments about.
> That is that there is a bad problem with blocking from adjacent signals even
>if they are only "moderately" stronger than the signal I am trying to copy.
> The adjacent signal needs to be definitely stronger to cause this, but it
>sure doesn't have to be a barn burner. The variable filter doesn't seem to
>help much, if any, in these situations.
>

This problem results from the "fix" made by Index to solve the "AGC Thump" problem in the QRP++: A limiter (consisting of two diodes) is located at the output of the IF amp to keep the signal level entering the SCAF filter at a reasonable level so that the AGC has time to respond to strong signals. (The signal delay time through the SCAF was the cause of the "Thump" on strong signals; the limiter keeps signal levels from exceeding the AGC threshold by more than a few DB until the AGC has time to respond.) Anyway, the down-side is that strong signals outside the SCAF passband will activate the limiter, thus also limiting the amplitude of signals within the SCAF passband. Narrowing the SCAF only makes matters worse in a crowded band! (Kinda obviates the advantage of a narrow filter...). My solution to the "AGC Thump" problem in the QRP+ was to add a limiter AFTER the SCAF. Strong signals outside the SCAF bandpass might still overload the SCAF causing some strange "squeaks" and "howls", but at least they do not result in signals within the SCAF passband being attenuated.

Unfortunately, the IF limiter in the QRP++ cannot be simply deactivated because it is also used during transmit to limit the amplitude of the RF signal feeding the driver amplifier. In fact, it is this limiter that provides the "speech processing" in SSB mode! So... what to do? I don't know, other than add an RF gain control which can be used to reduce the strength of the offending signal(s). A simple RF gain control circuit is available from Index (I have .bmp file that I can send anyone who is interested); the big problem is figuring out where to put an RF gain control

pot! About the only alternatives are on the back, top of side of the rig.

As for the receiver having to be turned on twice before signals come out, this sounds like a reset problem in the SCAF filter. I managed to "self-inflict" such a problem in my QRP+ when I increased the size of a bypass cap which turned out to cause the SCAF reset line to rise too slowly to affect a reset. Sounds like your rig has a similar problem; I suggest that you contact Index.

72 and have a great Turkey Day,
Larry W1HUE/7

PS -- Don't forget the Fox Hunt tonight (Wednesday)! :-)

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5208] Re: Quarterly Subs
Message-ID: <Pine.SUN.3.90.961127121201.480F-1000000@vortex.sage.dri.edu>

On Wed, 27 Nov 1996, Allen Jones wrote:

> Is Mike Bryce still in charge of membership renewals to ARCI and
> subscriptions to QRP Quarterly?
>
> Thanks. . .
> Allen Jones, W9DZ
> f.k.a. K9DZE

Yes Allen. And he has a new address:

Mike Brice, WB8VGE
QRP ARCI Membership
P.O.Box 508
Massillon
OH 44648-0508

Internet e-mail is: 73357.222@compuserve.com

For the USA it's;

New membership \$17
Renewal \$15

Be sure to include your old/new callsign and your ARCI NUMBER!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [5195] Re: Rework and Questions - Long
Message-ID: <199611271943.NAA16370@multi13.netcomi.com>

Bill --

You asked:

>
> Natural resonance now was 2.3-2.4MHZ @ 40 ohms. Right off the bat I noticed
> a significant increase in my reception over the twin lead. Using a tuner,
> matching was much easier that with the twin lead, and the settings were much
> closer to those I normally use with my 40 meter dipole. This was using 300
> ohm twin lead for the feeder line, no balun/choke.
>
> Now for the experimentation. First off, I changed out the 300 ohm feeder
> line with 52 ohm coax. Bad move, antenna became resonant at 62MHZ@40 ohms,
> and though it would match using a tuner, performance sucked. So I went back
> to the 300 ohm twin lead. In fact I put a BNC connector on the end of the
> twin lead. I found a direct feed point about 2/3 way up the coil that gave
> me <1.5:1 from 7.01 - 7.17Mhz @ 40 ohms. Connected my HW-8 direct to the
> twin lead and signals were really strong. Went in the house and checked the
> same signal on my 735/dipole (up 25 ft) and they were about the same for
> most stateside. DX signals were a little stronger on the SLV. Got on the
> HW-8 (abt 1.5w out) and called a stateside station, he responded then faded

> out. Gonna try to set it up again early next week and play on it for a
> couple of hours. May even try to fox hunt with it.
>
> Now the questions. I tried to find a resonant tap point for 3.5Mhz. I
> never could. From the bottom of the coil to the top went from 2.3/2.4Mhz
to
> 2.8/2.9Mhz. I should add that at the 2.3/2.4 point, it was also flat at
> 5.0Mhz, thus I was able to find a point for resonance at 7.0. Anyone
tell
> me why? I also could not find a resonant point for 10.1 or 14.1. Guess
I'm
> gonna have to study some more on this.
>

Were you shorting out the bottom part of the loading coil or were you just moving the feed point up the coil? To raise the resonant frequency, you need to remove or short out part of the coil. If you tap the feed point up, you will change the impedance of the antenna without significantly moving the resonant frequency. I would expect good results on 40 if you did this because 7.01 MHz is three times the 2.35 MHz resonance and a quarter wave will also resonate at odd multiples of the lowest resonant frequency. By tapping up on the coil, you would raise the resistive impedance closer to 50 ohms without changing the reactive part much. 80 meters would be a different story. The reactive part of a 2.35 MHz antenna would be very high and would have to be changed to match 50 ohms. Tapping the coil without shorting out turns would not do that. Does this make sense, or did I assume the wrong thing?

Mike K1MG

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: JessQRP@aol.com
Subject: [5237] Re: SLV: Rework and Questions - Long
Message-ID: <961127235958_1151665901@emout10.mail.aol.com>

Hi there,

Nice work on the SLV. I wrapped mine about 3.5 feet long with tinned wire, and have been able to find 1.2:1 or less matches at 38-48 ohms depending on the soil. I am still using the 300 ohm twin lead for radials and 14 ga. speaker wire for the radiator. I would think that with as much coil as you have on there that you should be able to find a match at other places. Could it be that the radials are not long enough? I am with you, not a techie but just keep fussing with things until I find a way to make them work. I think

that you should wait until thw weather is about 10 F. and 30 mph winds, I am sure that ie would work better! I agree with you, the SLV modded does ahve great ears. I am feeding mine with 50 ohm coax and found that the performance was better than with an equal length of twin lead using the Autek RF-1

Best of luck....
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: kd1jv@juno.com (Steven Weber)
Subject: [5218] Re: Smallest sidetone?
Message-ID: <19961127.183738.8055.0.KD1JV@juno.com>

>I plan to use a Mizuho 20m handheld for holiday use, with CW being
>the main mode and would like to incorporate some form of side-tone in
>the rig.

Hi Frank,

The worlds smallest and simplist sidetone is one of those piezo beepers. Rack Shack has them for a couple of bucks. You can even steal one out of a cordless phone. The pc mount version is quite small, about 1/2" dia, 3/8" tall and pretty loud. They run on 3 volts to 20 volts. The tone is a bit high, but not too annoying. That's what I use, cux I'm too lazy to build a proper sinewave osc, and these things are so dang convenant.

de KD1JV, Steve

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [5199] Re: Solder flux question
Message-ID: <199611271956.NAA16632@multi13.netcomi.com>

Bruce --

Some types of plastic can be damaged by certain flux cleaners. Without visible damage, they become brittle and can crack in use. Connectors seem to be the worst offenders.

My suggestion would be to contact Dick at S&S and ask him which parts cannot be cleaned this way and either install them after cleaning or be very very careful not to let any cleaner wick up to the parts. Either

that, or use one of the newer flux cleaners which are a lot less aggressive.

Mike K1MG

> ... So guys, Why would S&S tell me not to use a product that was
> specifically designed for the purpose of removing solder flux to remove
> solder flux. I am not an electronics expert, But I know some of you are.
>
> Thanks Bruce N9JCV Norcal #359 ARCI #8267
>

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Ed Tanton <n4xy@avana.net>
Subject: [5204] Re: Solder flux question
Message-ID: <3.0.32.19961127145144.0093d840@tiger.avana.net>

At 12:32 PM 11/27/96 -0600, Bruce C. Williams wrote:

> My question is this. I bought a TAC-1 kit from S&S Engineering. In
>there kit they include an insert that says "WARNING: Use denatured alcohol
>ONLY to clean flux from boards. DO not use commercial defluxers.
>Commercial Defluxers and other chemicals may damage components.
>

Hi Bruce... here's the deal: certain damage plastics and/OR electrolytic capacitors. A lot of them will dissolve the silk-screened legend on the top of the board. I generally defeat this by not installing electrolytic-nor polystyrene-caps until AFTER I have defluxed my boards. Furthermore, I am careful about what plastic items I install on the board. IC sockets, LEDs, and such do not mind most defluxers. If you have ANY doubt about a particular component or part, try some in a non-disastrous place and see what happens. Also, try it on a part of the silk-screen to see what happens-on a spot that is not critical. Follow this spray defluxing with a thorough wiping with den. alcohol using long wooden-stem Q-tips 'til you have all residues removed. THEN install your electrolytics/sensitive parts, and-using the Q-tips-remove the small amount of flux this produces. The important point is that no fluid-including alcohol-gets into the electrolytic. (One alternative I have seen over the years is to epoxy seal the electrolytic-but all you have to do is follow this and be reasonably careful.)

Finally, one other trouble area occurs when you degrease (and defluxers are great degreasers) switch contacts. I once tried this out, and the switch literally lost all contacts-electrically. A thorough spray with contact spray-such as that produced by Caig Labs-(I use 'PRO-Gold G5') quickly restored the contacts' conductivity-but who would have thought they

actually depended on that minute amount of lubricant.

There are probably other examples-and with the current tendency to put all the components onto one pc board, the switches are also there. Shielding them with something like masking tape, and not letting defluxer run onto the component side ought to be enough. But spray 'em afterwards with a good contact spray anyway.

Hope that covers it for you. Let me know if you have any other questions.
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: JDuffy@aol.com
Subject: [5224] Re: Squirrel-Proof rope for antenna supports
Message-ID: <961127205306_1386338947@emout05.mail.aol.com>

Well, you could always do what I do. That is shoot the little rodents with a high powered pellet rifle. The heck with have-a-hart traps. The only good squirrel is a dead one.

Kindest Regards,

Duffy - WB8NUT

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: LStanford@sj.aishd.com
Subject: [5227] Re: Squirrel-Proof rope for antenna supports
Message-ID: <9610278491.AA849150220@lemon.aishd.com>

On Wed, 27 Nov 1996 at 05:00:03 John A Evans wrote:

>I think that oil from my hands, transferred to the nylon rope
>during installation, was enough to tempt the critters, ...

John:

Is there any way of deliberately putting something on the nylon rope to drive the critters off, or at least convince them not to add antenna rope to their normal diet? They make compounds to keep cats and dogs away from things, would that work? It would be nice to see some attempt to drive off the pests before taking the other posters advice and dragging out the artillery.

73, Lee KM6LA

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5228] Re: Squirrel-Proof rope for antenna supports
Message-ID: <199611280315.UAA25775@dancris.com>

At 07:03 PM 11/27/96 PST, you wrote:

>

>On Wed, 27 Nov 1996 at 05:00:03 John A Evans wrote:

>

>>I think that oil from my hands, transferred to the nylon rope
>>during installation, was enough to tempt the critters, ...

>

>John:

> Is there any way of deliberately putting something on the
>nylon rope to drive the critters off, or at least convince them
>not to add antenna rope to their normal diet? They make compounds
>to keep cats and dogs away from things, would that work? It would
>be nice to see some attempt to drive off the pests before taking
>the other posters advice and dragging out the artillery.

>

>

Might try rubbing some Tabasco on the ropes.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30,
not in any order of importance.

From owner-qrp-l@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5234] Re: Squirrel-Proof rope for antenna supports
Message-ID: <Pine.SUN.3.90.961127202117.2201A-1000000@vortex.sage.dri.edu>

On Wed, 27 Nov 1996 JDuffy@aol.com wrote:

> Well, you could always do what I do. That is shoot the little rodents with a
> high powered pellet rifle. The heck with have-a-hart traps. The only good
> squirrel is a dead one.

Hey Duffy,

Your right! I like mine best fried in Exxon oil heated over
a Old Growth wood fire.... :-)

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5161] Re: Tubing for a vertical
Message-ID: <Pine.SOL.3.94.961127064925.18634D-100000@utkux4.utcc.utk.edu>

Mike,

You may want to consider a vertical dipole--25' long approximately.
Standard hardware store tubing in 8' sections would work, say 1" each side
of center and 7/8" to the ends--or 7/8 down to 3/4". The stresses for 12'
each side of center would not be very great. But be very sure of durable
electrical connection between tubing section.

You can also (if using vertically oriented 2x4s for the support) use wire
for the lower half. A combination 10-meter vertical dipole-15-meter
horizontal dipole I lashed together many years ago used this system and
worked quite well. The diameter imbalance is not a problem, although the
lower section will be slightly longer than the upper. I calculated the
upper length as close as I could get at the time and pruned the easily
accessed lower wire for best match.

Of course, you can always use a ground plane as well with just 12'+ upper
section.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [5213] Re: Tues Nite Fox
Message-ID: <199611272116.QAA27703@mh004.infi.net>

Hi Bob,

At 06:55 AM 11/27/96 -0700, Bob Hightower wrote:
>Well, I could hear AE4IC fairly well, when not being swamped by the qso just
>next to him. Congrats to those who contacted him....quite a run for Bob.

Your comment about an adjacent station is interesting, Bob. I'm still
trying to learn how to set up and adjust equipment for most efficient use.

Last night I was using my NW40 and it's built-in audio filter. In addition
I'd connected the Radio Shack DSP unit, mostly because it seems to reduce
background noise. Obviously, though, something was working for me, because
I noticed adjacent signals only once or twice, and each was a very short
period of time. (I don't think it even slowed me down)

Maybe that RS DSP helps more than I thought!

What rig and set-up were you using?

CUL,
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Wed Nov 27 23:13:27 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5214] Re: Tues Nite Fox
Message-ID: <199611272130.0AA14413@dancris.com>

At 04:16 PM 11/27/96 -0500, you wrote:
>Hi Bob,
>
>At 06:55 AM 11/27/96 -0700, Bob Hightower wrote:
>>Well, I could hear AE4IC fairly well, when not being swamped by the qso just
>>next to him. Congrats to those who contacted him....quite a run for Bob.
>
>Your comment about an adjacent station is interesting, Bob. I'm still
>trying to learn how to set up and adjust equipment for most efficient use.

>
>Last night I was using my NW40 and it's built-in audio filter. In addition
>I'd connected the Radio Shack DSP unit, mostly because it seems to reduce
>background noise. Obviously, though, something was working for me, because
>I noticed adjacent signals only once or twice, and each was a very short
>period of time. (I don't think it even slowed me down)

>
>Maybe that RS DSP helps more than I thought!

>
>What rig and set-up were you using?

>
>
Maybe adjacent was a poor choice of words, but there was a very loud qso
going on right next to you. I had the filters cranked down as far as they
would go with out losing you, but he was still 'clicking' in my ear.

I was using, alternately, and HW-9 and OHR Classic, OHR SCAF filter and esp
when needed. You did have a good signal, just that others obviously
couldn't, or wouldn't, hear you, thus the 'adjacent' qso's. One of them was
using a bug, and badly at that..... loooooooooong dahs and very short dits.
73,

Bob KI7MN

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL